

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

FEB 21 2023
MEMORANDUM

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FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated February 17, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V**, endorsing the request of then **District Engineer RUBEN S. SANTOS Jr., DPWH Camarines Sur 2nd DEO**, for the approval of the **Modification** of the project under FY 2023 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS: 300219101597000 Project ID: P00736096LZ					
CONVERGENCE AND SPECIAL SUPPORT PROGRAM: Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities			CONVERGENCE AND SPECIAL SUPPORT PROGRAM: Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities		
Construction of Dike along Bicol River (Phase 2), Brgy. Bagongbong, Minalabac, Camarines Sur			Construction of Dike along Bicol River (Phase 2), Brgy. Bagongbong, Minalabac, Camarines Sur		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 – Construction of Dike 1,377.565 Lineal meters	70.051 / Lineal meter	96,500.00	CW1 – Construction of Dike 200 Lineal meters	482.50 / Lineal meter	96,500.00
EAO –		3,500.00	EAO –		3,500.00
Total:		100,000.00	Total:		100,000.00
Justification: <ul style="list-style-type: none">Since the river section is within the Bicol River Basin which is frequently flooded and the river banks are prone to erosion, this flood control structure requires the following design elements: <u>9-meter deep steel sheet pile on concrete foundation, 4.55-meter high gravity-type bank protection structure, and provision of buttress wall spaced at every 25 meters;</u>Inclusion of drainage works and miscellaneous safety features (including reinforced concrete box culverts, flood gates, gutter, stairs and railings) which comprises 5.95% of the total direct cost;Provision for the repair/maintenance including a crushed aggregate access roads of 440.0 meters going to the project;Provision for the construction of service road along the project to allow accessibility for heavy equipment; andAdditional hauling cost to transport materials.					
Attached are the following supporting documents: <ul style="list-style-type: none">Certificate of Reasonableness of Cost Estimate, Certificate of Availability of Funds, Program of Works, Detailed Unit Price Analysis, GIS Map, Geotagged Photos and Detailed Engineering Design Plan.					

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for the Secretary's consideration and approval.


ERIC A. AYAPANA

Assistant Secretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

Recommending Approval:

NOTED!
This is a local project. Subject to economic + technical feasibility determination.


MARIA CATALINA E. CABRAL. Ph.D., CESO I

Undersecretary for Planning
and Public-Private Partnership Services


ROBERTO R. BERNARDO, CESO I

Undersecretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII, and VIII

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN

Secretary

2.6 BCL/EAA/RRB

Project ID: P00736096LZ

Department of Public Works and Highways
Office of the Secretary



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